

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112621\
 Data File : VX025343.D
 Acq On : 26 Nov 2021 09:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050714

Quant Time: Nov 26 23:54:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 23 01:15:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	161814	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77573	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	52690	47.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.420%
7) Chloroethane-d5	1.660	69	44802	49.156	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.320%
11) 1,1-Dichloroethene-d2	2.306	63	86523	49.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.280%
21) 2-Butanone-d5	4.452	46	80911	98.427	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.430%
24) Chloroform-d	5.062	84	99593	51.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.958	65	60721	50.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.940%
32) Benzene-d6	5.977	84	195672	49.731	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.460%
36) 1,2-Dichloropropane-d6	7.306	67	60873	49.969	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.940%
41) Toluene-d8	8.647	98	183668	49.455	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.900%
43) trans-1,3-Dichloroprop...	8.952	79	30511	49.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.640%
47) 2-Hexanone-d5	9.384	63	62192	98.075	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.080%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	89032	51.713	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.420%
66) 1,2-Dichlorobenzene-d4	12.323	152	77930	51.220	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50007	52.663	ug/L	100
3) Chloromethane	1.294	50	47462	48.426	ug/L	95
5) Vinyl chloride	1.374	62	56332	49.233	ug/L	100
6) Bromomethane	1.599	94	32726	54.674	ug/L	95
8) Chloroethane	1.685	64	36782	48.256	ug/L	99
9) Trichlorofluoromethane	1.886	101	87124	48.795	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	48675	51.911	ug/L	99
12) 1,1-Dichloroethene	2.319	96	43388	49.933	ug/L	99
13) Acetone	2.380	43	73373	108.550	ug/L	100
14) Carbon disulfide	2.514	76	102557	48.001	ug/L	99
15) Methyl Acetate	2.703	43	52755	48.293	ug/L #	90
16) Methylene chloride	2.788	84	49829	49.582	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	46353	49.550	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	160829	50.583	ug/L	100
19) 1,1-Dichloroethane	3.611	63	85145	50.823	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	56312	51.082	ug/L	100
22) 2-Butanone	4.556	43	97160	108.689	ug/L	100
23) Bromochloromethane	4.897	128	29828	51.216	ug/L	97
25) Chloroform	5.093	83	92867	50.937	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	69144	52.143	ug/L	99
29) Cyclohexane	5.471	56	76183	50.089	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	82958	50.620	ug/L	100
31) Carbon tetrachloride	5.678	117	73552	50.259	ug/L	99
33) Benzene	6.037	78	198810	50.128	ug/L	100
34) Trichloroethene	7.123	95	53381	51.173	ug/L	97
35) Methylcyclohexane	7.379	83	84621	51.540	ug/L	99
37) 1,2-Dichloropropane	7.434	63	51479	51.749	ug/L	99
38) Bromodichloromethane	7.824	83	70120	50.616	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	81845	50.514	ug/L	96
40) 4-Methyl-2-pentanone	8.574	43	156718	98.659	ug/L	99
42) Toluene	8.720	91	221935	50.741	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	81646	52.429	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	54267	51.405	ug/L	98
46) Tetrachloroethene	9.275	164	45231	51.127	ug/L	100
48) 2-Hexanone	9.433	43	140467	110.100	ug/L	99
49) Dibromochloromethane	9.519	129	62230	51.145	ug/L	98
50) 1,2-Dibromoethane	9.610	107	57460	51.069	ug/L	100
51) Chlorobenzene	10.079	112	148812	51.579	ug/L	99
52) Ethylbenzene	10.195	91	243355	51.770	ug/L	98
53) m,p-Xylene	10.305	106	98169	51.557	ug/L	97
54) o-Xylene	10.640	106	97100	50.944	ug/L	95
55) Styrene	10.659	104	167503	52.888	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	82850	50.825	ug/L	97
59) Bromoform	10.799	173	46971	49.074	ug/L	99
60) Isopropylbenzene	10.963	105	254319	51.013	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	65569	49.411	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	214096	51.345	ug/L	100
63) 1,2,4-Trimethylbenzene	11.756	105	217940	51.730	ug/L #	80
64) 1,3-Dichlorobenzene	11.969	146	120505	52.641	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	120870	52.272	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	119825	51.766	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	17528	47.527	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	88412	53.090	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	75994	54.288	ug/L	97
71) Naphthalene	13.780	128	250428	52.779	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	76087	53.058	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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